

through gas discharge within the lamp envelope;

[an] a circuit board mounting said oscillator within a volume having a cross-section configured substantially the same as the cross-section of the lamp envelope; and

means attaching said board for forming an end of the lamp envelope with said oscillator output signal connected to the lamp heater elements.

5. (Amended) A module for driving a gas discharge lamp having heater elements contained within an envelope in response to electrical power from a source comprising:

means for receiving power from said source;

an oscillator coupled to said receiving means for transforming said power to an output signal at a frequency and voltage for causing said lamp to produce visible light through gas discharge within said [aid] lamp envelope;

a circuit board mounting said oscillator within a volume having a cross-section which is substantially the same as a cross-section of said lamp envelope; and

means for attaching said circuit board so that said oscillator output signal is connected to said lamp heater elements.

Please add the following new claims:

--7. A module for driving a gas discharge lamp in response to electrical power from a source, said module comprising:

means for receiving power from the source;

an oscillator coupled to said receiving means for transforming said received

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power to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within said lamp; and

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a circuit board having said oscillator mounted thereon, wherein said circuit board is attached to said lamp.

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8. A module in accordance with claim 7, wherein said circuit board is attached externally to said lamp.

9. A module in accordance with claim 7, wherein said circuit board is attached internally to said lamp.

10. A module in accordance with claim 7, wherein said lamp comprises an envelope.

11. A module in accordance with claim 10, wherein said envelope contains heater elements.

12. A module in accordance with claim 11, wherein said oscillator output signal is coupled to said heater elements.

13. A module in accordance with claim 12, said module further comprising means for attaching said oscillator to said heater elements.

14. A module in accordance with claim 13, wherein said attaching means comprises:

an output transformer having an array of pins and a plurality of leads connecting to said heater elements; and

a receptacle mounted on said circuit board for receiving said array of pins of said output transformer.

15. A module in accordance with claim 7, wherein the power source produces standard A.C. power, said module further including means mounted on said circuit board for converting said received power for actuating said oscillator.

16. A module in accordance with claim 7, wherein the power source produces D.C. power, said module further including means for actuating said oscillator from said received power from the D.C. source.

17. A module in accordance with claim 10, wherein said circuit board mounts said oscillator within a volume having a cross-section which is substantially the same as a cross-section of said lamp envelope.

18. A module for driving a gas discharge lamp in response to electrical power from a source, said module comprising:

means for receiving power from the source;

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an oscillator coupled to said receiving means for transforming said received power to an output signal at a frequency and voltage for causing the lamp to produce visible light through gas discharge within said lamp; and

a circuit board having said oscillator mounted thereon, wherein said circuit board is contained in a housing, said housing attached to said lamp.

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19. A module in accordance with claim 18, wherein said housing containing said circuit board is attached externally to said lamp.

20. A module in accordance with claim 18, wherein said housing containing said circuit board is attached internally to said lamp.

21. A module in accordance with claim 18, wherein said lamp comprises an envelope.

22. A module in accordance with claim 21, wherein said housing has a cross-section which is substantially the same as a cross-section of said lamp envelope.

23. A module in accordance with claim 21, wherein said envelope contains heater elements.

24. A module in accordance with claim 23, wherein said oscillator output

signal is coupled to said heater elements.

25. A module in accordance with claim 24, said module further comprising means for attaching said oscillator to said heater elements.

26. A module in accordance with claim 25, wherein said attaching means comprises:

an output transformer having an array of pins and a plurality of leads connecting to said heater elements; and

a receptacle mounted on said circuit board for receiving said array of pins of said output transformer.

27. A module in accordance with claim 18, wherein the power source produces standard A.C. power, said module further including means mounted on said circuit board for converting said received power for actuating said oscillator.

28. A module in accordance with claim 18, wherein the power source produces D.C. power, said module further including means for actuating said oscillator from said received power from the D.C. source.--